

ABSTRACT OF THE DISCLOSURE:

This cleaning system includes a compressor driven by a motor, a condenser, a cooling fan for directing an air stream at the condenser during normal operation, a motor drive system for driving the fan, and a timing device for reversing the rotational direction of the fan motor to direct the stream of cooling air away from the condenser to remove debris collected on the condenser and clean the condenser during a cleaning cycle. The fan is driven by drive system having a solid state commutated motor or a drive system having a reversible permanent split capacitor motor. The timing device includes a timer for controlling the time periods during the normal operation (cooling) cycle and during the cleaning cycle.

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